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A Correct and Reliable Calendar for

300 Years.

From January 1st, 1701 to December 31st, 2000.

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A CORRECT AND RELIABLE CALENDAR FOR

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BY THE AID OF THIS CALENDAR YOU CAN QUICKLY SETTLE ALL DISPUTES OR CURIOSITIES CONCERNING DAYS OF THE WEEK, MONTH OR YEAR, OF ANY PAST OR FUTURE EVENT WITHIN THE 18TH, 19TH AND 20TH CENTURIES.

All who can't outlive the Twentieth Century, will never need any Calendar but this.

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E. K. MYERS,
Clinton, Iowa.

GENERAL INSTRUCTIONS.

This Calendar is very plain, and can be used by any one after reading these instructions:

Each column is a complete calendar for all e years indicated on its left hand margin. Leap years are marked with a *. All the ap years of the 19th and 20th centuries are so given in group form, on page 7, for con-nience of reference. The first line of fig-es across the top of every page represents, in egular order, (as nearly as possible) the regular calendar, convenient for ready reference. For years not found in first line at top of page apply this rule: If the unit figure of the year is 1, 2 or 3, look at top of page, from January down. If it is 4, 5, 6 or 7, look about middle of page. If the unit be 8, 9 or 0, look at the bottom of page. 1801 is the first year of the 19th century—1900 is the last. 1901 is the first year of the 20th century and 2000 is the last year. For divisions of time, explanations of the the calendar year, working of the planets, etc., see pages 13 and 14. Items of useful information for everybody, pages 15 to 18 inclusive.

INDEX.

By looking over this Index, you can readily see the years shown on each page through the calendar, which will enable you to quickly find any date you wish, from 1801 to 2000. Leap years are marked with a *.

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MYERS' COLONIAL CALENDAR.

18th CENTURY.

Giving the day of the week of any event, where the date is known, from 1701 to 1800 inclusive.

☞On page 19 a key is given for using this Calendar with the weeks, months and years of the 19th and 20th centuries.

1701, 1st January.						
2	3	4*	10	5	6	1
8*	14	9	16*	11	12*	7
13	20*	15	21	22	17	18
19	25	26	27	28*	23	24*
30	31	32*	38	33	34	29
36*	42	37	44*	39	40*	35
41	48*	43	49	50	45	46
47	53	54	55	56*	51	52*
58	59	60*	66	61	62	57
64*	70	65	72*	67	68*	63
69	76*	71	77	78	73	74
75	81	82	83	84*	79	80
86	87	88*	94	89	90	85
92*	98	93	100	95	96*	91
97		99				

NOTE—Feb. 29 falls on the same week day every 28 years within the same century. Other dates, every 6, 11, 6 and 5 years, counting from a leap year.

Common Year.	*Leap Year.								Days of Month.				
January 31 October 31	Jan. 31 Apr. 30 July 31	S.	M.	Tu	W.	Th	Fr	Sa	1	8	15	22	29
May 31	October 31	M.	Tu	W.	Th	Fr	Sa	S.	2	9	16	23	30
August 31	May 31	Tu	W.	Th	Fr	Sa	S.	M.	3	10	17	24	31
Feb. 28 Mar. 31 Nov. 30	Feb. 29 Aug. 31	W.	Th	Fr	Sa	S.	M.	Tu	4	11	18	25	.....
June 30	Mar. 31 Nov. 30	Th	Fr	Sa	S	M.	Tu	W.	5	12	19	26	.....
Sept. 30 Dec. 31	June 30	Fr	Sa	S.	M.	Tu	W.	Th	6	13	20	27	.....
April 30 July 31	Sept. 30 Dec. 31	Sa	S.	M.	Tu	W.	Th	Fr	7	14	21	28	.....

EXPLANATION:—In the upper arm are the years from 1701 to the end of the century. The (*) denotes Leap Year. In the central part are the names of the days in the week; in the right arm, the days of the month; and in the left arm, the names of the months required and the number of days in each.

The first horizontal line in the central part shows the day of the week of the first of January or October of every common year (or of January, April or July of every leap year), the vertical line from which shows the first day of any month in the year.

Now, when the week day of the MONTH is found, take vertical column which begins with the same day, follow it down until opposite the day of the month in the right arm, and you have the week day required. For instance, a person was born on the 25th of August, 1756, what day of the week was it? This leap year began Thursday; start from the first of January, 1756, follow down the vertical line until you come to the first of August, which is Sunday: now follow down the vertical line which begins with Sunday, until you come opposite the 25th in the right arm, and you will find the 25th of August, 1756, was on Wednesday.

CENTENNIAL CALENDAR, 19TH CENTURY.

*1872

S	M	T	W	T	F	S
.	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	.	.	.
.	.	.	.	.	.	.
.	.	.	.	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	.	.
.	.	.	.	.	.	.
.	.	.	.	.	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	.	.	.	.	.	.
.	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	.	.	.	.

JAN.

FEB.

MAR.

APR.

*1844

S	M	T	W	T	F	S
.	.	.	.	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31
.	.	.	.	.	.	.
.	.	.	.	.	.	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	.	.	.	.	.	.

MAY

JUNE

*1816

S	M	T	W	T	F	S
.	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	.	.	.
.	.	.	.	.	.	.
.	.	.	.	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31
1	2	3	4	5	6	7
8	9	10	11	12	13	14

JULY

AUG.

SEPT.

OCT.

NOV.

DEC.

*1876

S	M	T	W	T	F	S
.	.	.	.	.	.	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	.	.	.	.	.
.	.	.	1	2	3	4
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	.	.	.	.
.	.	.	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	.
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	.	.	.	.	.	.
.	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	.	.	.
.	.	.	.	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	.
.	.	.	.	.	.	.
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	.	.	.	.

*1848

S	M	T	W	T	F	S
.	.	.	.	.	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	.	.	.	.
.	.	.	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	.	.	.	.	.	.

*1880

S	M	T	W	T	F	S
.	.	.	.	.	1	2
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	.	.	.	.	.	.

*1852

S	M	T	W	T	F	S
.	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	.	.	.
.	.	.	.	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	.
.	.	.	.	.	.	.
.	.	.	.	.	.	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	.	.	.	.	.	.
.	.	.	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	.

*1824

S	M	T	W	T	F	S
.	.	.	.	.	.	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	.	.	.	.	.
.	.	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	.	.	.
.	.	.	.	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	.	.	.	.	.
.	.	.	.	.	.	.
.	.	.	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	.

JAN.

FEB.

MAR.

APR.

MAY

JUNE

JULY

AUG.

SEPT.

OCT.

NOV.

DEC.

CENTENNIAL CALENDAR, 19TH CENTURY.

S	M	T	W	T	F	S
*1884	..	..	1	2	3	4	5
	6	7	8	9	10	11	12
JAN.	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30	31	..	..
	..	..	..	..	..	1	2
	3	4	5	6	7	8	9
FEB.	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	..
	..	..	..	..	..	..	1
	2	3	4	5	6	7	8
	9	10	11	12	13	14	15
MAR.	16	17	18	19	20	21	22
	23	24	25	26	27	28	29
	30	31	..	..	..	..	..
	..	..	1	2	3	4	5
	6	7	8	9	10	11	12
APR.	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30	..	..	..
	..	..	..	..	1	2	3
	4	5	6	7	8	9	10
MAY	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	30	31
	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
JUNE	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30	..	..	..	..	..
*1856	..	..	1	2	3	4	5
	6	7	8	9	10	11	12
JULY	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30	31	..	..
	..	..	..	..	..	1	2
	3	4	5	6	7	8	9
AUG.	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30
*1828	31	..	..	..	..	..	..
	..	1	2	3	4	5	6
SEPT.	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30	..	..	..	..
	..	..	..	1	2	3	4
OCT.	5	6	7	8	9	10	11
	12	13	14	15	16	17	18
	19	20	21	22	23	24	25
	26	27	28	29	30	31	..
	..	..	..	..	..	..	1
	2	3	4	5	6	7	8
NOV.	9	10	11	12	13	14	15
	16	17	18	19	20	21	22
	23	24	25	26	27	28	29
	30	..	..	..	..	..	..
	..	1	2	3	4	5	6
DEC.	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30	31	..	..	..

S	M	T	W	T	F	S
*1888	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
JAN.	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30	31	..	..	..	..
	..	..	..	1	2	3	4
	5	6	7	8	9	10	11
FEB.	12	13	14	15	16	17	18
	19	20	21	22	23	24	25
	26	27	28	29	..	..	..
*1832	..	..	..	..	1	2	3
	4	5	6	7	8	9	10
MAR.	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	30	31
	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
APR.	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30	..	..	..	..	..
*1804	..	..	1	2	3	4	5
	6	7	8	9	10	11	12
MAY	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30	31	..	..
	..	..	..	..	..	1	2
	3	4	5	6	7	8	9
JUNE	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30
	1	2	3	4	5	6	7
JULY	8	9	10	11	12	13	14
	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30	31	..	..	..	..
	..	..	..	1	2	3	4
AUG.	5	6	7	8	9	10	11
	12	13	14	15	16	17	18
	19	20	21	22	23	24	25
	26	27	28	29	30	31	..
	..	..	..	..	..	..	1
SEPT.	2	3	4	5	6	7	8
	9	10	11	12	13	14	15
	16	17	18	19	20	21	22
	23	24	25	26	27	28	29
	30	..	..	..	..	..	..
	..	..	..	..	..	..	1
OCT.	2	3	4	5	6	7	8
	9	10	11	12	13	14	15
	16	17	18	19	20	21	22
	23	24	25	26	27	28	29
	30	31	..	..	..	..	..
	..	..	1	2	3	4	5
NOV.	6	7	8	9	10	11	12
	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30	..	..	..
	..	..	..	..	..	..	1
*1860	2	3	4	5	6	7	8
	9	10	11	12	13	14	15
DEC.	16	17	18	19	20	21	22
	23	24	25	26	27	28	29
	30	31	..	..	..	..	..

S	M	T	W	T	F	S
1890	..	..	..	..	1	2	3	4
	5	6	7	8	9	10	11
JAN.	12	13	14	15	16	17	18
	19	20	21	22	23	24	25
	26	27	28	29	30	31	..
1851	..	..	..	..	..	..	1
	2	3	4	5	6	7	8
FEB.	9	10	11	12	13	14	15
	16	17	18	19	20	21	22
	23	24	25	26	27	28	..
1862	..	..	..	..	..	..	1
	2	3	4	5	6	7	8
MAR.	9	10	11	12	13	14	15
	16	17	18	19	20	21	22
	23	24	25	26	27	28	29
1823	30	31	..	..	..	..	..
	..	..	1	2	3	4	5
APR.	6	7	8	9	10	11	12
	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30	..	..	..
1873	..	..	..	..	1	2	3
	4	5	6	7	8	9	10
MAY	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	30	31
1834	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
JUNE	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30	..	..	..	..	..
1845	..	..	1	2	3	4	5
	6	7	8	9	10	11	12
JULY	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30	31	..	..
1806	..	..	..	..	..	1	2
	3	4	5	6	7	8	9
AUG.	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30
1817	31	..	..	..	..	..	..
	..	1	2	3	4	5	6
SEPT.	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30	..	..	..	..
	..	..	..	1	2	3	4
OCT.	5	6	7	8	9	10	11
	12	13	14	15	16	17	18
	19	20	21	22	23	24	25
	26	27	28	29	30	31	..
1879	..	..	..	..	..	..	1
	2	3	4	5	6	7	8
NOV.	9	10	11	12	13	14	15
	16	17	18	19	20	21	22
	23	24	25	26	27	28	29
	30	..	..	..	..	..	..
	..	1	2	3	4	5	6
DEC.	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30	31	..	..	..

CENTENNIAL CALENDAR, 19TH CENTURY.

1891

S	M	T	W	T	F	S
...	...	...	...	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

JAN.

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	...	...	...	...

1874

S	M	T	W	T	F	S
...	...	...	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	...	...

APR.

S	M	T	W	T	F	S
...	...	...	...	...	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	...	...	...	...	...	...

1835

S	M	T	W	T	F	S
...	...	...	...	...	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	...	...	...	...	...	...

MAY

S	M	T	W	T	F	S
...	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	...	...	...	...

1846

S	M	T	W	T	F	S
...	...	...	...	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

JULY

S	M	T	W	T	F	S
...	...	...	...	...	...	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	...	...	...	...	...

1857

S	M	T	W	T	F	S
...	...	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	...	...	...

SEPT.

S	M	T	W	T	F	S
...	...	...	...	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

1818

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	...	...	...	...	...

NOV.

S	M	T	W	T	F	S
...	...	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	...	...

DEC.

S	M	T	W	T	F	S
...	...	...	...	...	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	...	...	...	...	...	...

*1892

S	M	T	W	T	F	S
...	...	...	...	...	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	...	...	...	...	...	...

JAN.

S	M	T	W	T	F	S
...	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	...	...	...

FEB.

S	M	T	W	T	F	S
...	...	...	...	...	...	...
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	...	...

MAR.

S	M	T	W	T	F	S
...	...	...	...	...	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	...	...	...	...	...	...

*1864

S	M	T	W	T	F	S
...	...	...	...	...	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
1	2	3	4	5	6	7

APR.

S	M	T	W	T	F	S
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	...	...	...	...

MAY

S	M	T	W	T	F	S
...	...	...	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	...	...

JUNE

S	M	T	W	T	F	S
...	...	...	...	...	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	...	...	...	...	...	...

*1836

S	M	T	W	T	F	S
...	...	...	...	...	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	...	...	...	...	...	...

JULY

S	M	T	W	T	F	S
...	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	...	...	...

AUG.

S	M	T	W	T	F	S
...	...	...	...	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	...

SEPT.

S	M	T	W	T	F	S
...	...	...	...	...	...	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	...	...	...	...	...	...

*1808

S	M	T	W	T	F	S
...	...	...	...	...	...	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	...	...	...	...	...

OCT.

S	M	T	W	T	F	S
...	...	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	...	...	...

NOV.

S	M	T	W	T	F	S
...	...	...	...	...	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	...	...	...	...	...	...

DEC.

S	M	T	W	T	F	S
...	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	...	...	...

1894

S	M	T	W	T	F	S
...	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	...	...	...

JAN.

S	M	T	W	T	F	S
...	...	...	...	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	...	...	...

1883

S	M	T	W	T	F	S
...	...	...	...	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

MAR.

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	...	...	...	...	...

APR.

S	M	T	W	T	F	S
...	...	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	...	...

MAY

S	M	T	W	T	F	S
...	...	...	...	...	...	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	...	...	...	...	...

1855

S	M	T	W	T	F	S
...	...	...	...	...	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

JUNE

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	...	...	...	...

1866

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	...	...	...	...

JULY

S	M	T	W	T	F	S
...	...	...	...	...	...	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	...	...	...	...	...

1877

S	M	T	W	T	F	S
...	...	...	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	...

AUG.

S	M	T	W	T	F	S
...	...	...	...	...	...	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	...	...	...	...	...

1827

S	M	T	W	T	F	S
...	...	...	...	...	...	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

SEPT.

S	M	T	W	T	F	S
30	...	...	...	...	...	...
...	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27

1838

S	M	T	W	T	F	S
28	29	30	31	...	...	...
...	...	...	...	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24

OCT.

S	M	T	W	T	F	S
25	26	27	28	...	...	...
...	...	...	...	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24

1883

S	M	T	W	T	F	S
25	26	27	28	...	...	...
...	...	...	...	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24

MAR.

S	M	T	W	T	F	S
25	26	27	28	29	30	31
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28

APR.

S	M	T	W	T	F	S
29	30	...	...	...	...	...
...	...	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26

MAY

S	M	T	W	T	F	S
27	28	29	30	31	...	...
...	...	...	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25

1855

S	M	T	W	T	F	S
26	27	28	29	30	...	...
...	...	...	...	...	...	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22

JUNE

S	M	T	W	T	F	S
23	24	25	26	27	28	29
30	31	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...

1866

S	M	T	W	T	F	S
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...

JULY

S	M	T	W	T	F	S
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...

1877

S	M	T	W	T	F	S
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...

AUG.

S	M	T	W	T	F	S
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...

1827

S	M	T	W	T	F	S
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...

SEPT.

S	M	T	W	T	F	S
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...

1838

S	M	T	W	T	F	S
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...

OCT.

S	M	T	W	T	F	S
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...

1849

S	M	T	W	T	F	S
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...

NOV.

S	M	T	W	T	F	S
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...

1810

S	M	T	W	T	F	S
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...

DEC.

S	M	T	W	T	F	S
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...

CENTENNIAL CALENDAR, 19TH CENTURY.

1895

S	M	T	W	T	F	S
..	..	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	..	..

JAN.

S	M	T	W	T	F	S
..	..	..	..	..	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	..	..

1811

S	M	T	W	T	F	S
..	..	..	..	..	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	..	..

FEB.

S	M	T	W	T	F	S
..	..	..	..	..	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	..	..	..	..	..	..

1822

S	M	T	W	T	F	S
..	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	..	..	..	..

APR.

S	M	T	W	T	F	S
..	..	..	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	..	..

1833

S	M	T	W	T	F	S
..	..	..	..	..	..	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	..	..	..	..	..

MAY

S	M	T	W	T	F	S
..	..	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	..	..

1805

S	M	T	W	T	F	S
..	..	..	..	..	..	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	..	..	..	..	..	..

JUNE

S	M	T	W	T	F	S
..	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	..	..	..	..

1867

S	M	T	W	T	F	S
..	..	..	..	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

1878

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	..	..	..	..	..

1839

S	M	T	W	T	F	S
..	..	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	..	..

1889

S	M	T	W	T	F	S
..	..	..	..	..	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	..	..	..	..

1850

S	M	T	W	T	F	S
..	..	..	..	..	..	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	..

DEC.

S	M	T	W	T	F	S
..	..	..	..	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

*1896

S	M	T	W	T	F	S
..	..	..	..	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

JAN.

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	..	..	..	..

FEB.

S	M	T	W	T	F	S
..	..	..	..	..	..	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	..

*1812

S	M	T	W	T	F	S
..	..	..	..	..	..	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	..	..	..	..	..

MAR.

S	M	T	W	T	F	S
..	..	..	..	..	..	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	..	..	..	..	..

APR.

S	M	T	W	T	F	S
..	..	..	..	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	..

1833

S	M	T	W	T	F	S
..	..	..	..	..	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	..	..	..	..	..	..

MAY

S	M	T	W	T	F	S
..	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	..	..	..	..

JUNE

S	M	T	W	T	F	S
..	..	..	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	..

JULY

S	M	T	W	T	F	S
..	..	..	..	..	..	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	..	..	..	..	..

AUG.

S	M	T	W	T	F	S
..	..	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	..	..	..

SEPT.

S	M	T	W	T	F	S
..	..	..	..	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

OCT.

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	..	..	..	..

1840

S	M	T	W	T	F	S
..	..	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	..	..

DEC.

S	M	T	W	T	F	S
..	..	..	..	..	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	..	..	..	..	..	..

1897

S	M	T	W	T	F	S
..	..	..	..	..	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

JAN.

S	M	T	W	T	F	S
31	..	..	..	..	..	..
..	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	..	..	..	..	..	..

1802

S	M	T	W	T	F	S
..	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	..	..	..

MAR.

S	M	T	W	T	F	S
..	..	..	..	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	..

1813

S	M	T	W	T	F	S
..	..	..	..	..	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	..	..	..	..	..	..

APR.

S	M	T	W	T	F	S
..	..	..	..	..	..	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	..	..	..	..	..

1875

S	M	T	W	T	F	S
..	..	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	..	..	..

JUNE

S	M	T	W	T	F	S
..	..	..	..	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

1847

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	..	..	..	..

1858

S	M	T	W	T	F	S
..	..	..	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	..	..

1819

S	M	T	W	T	F	S
..	..	..	..	..	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	..	..	..	..	..	..

1869

S	M	T	W	T	F	S
..	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	..	..	..	..

1830

S	M	T	W	T	F	S
..	..	..	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	..

CENTENNIAL CALENDAR, 19TH CENTURY.

1898

S	M	T	W	T	F	S
..	...	...	...	...	...	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	..	..	..	..	..

JAN.

S	M	T	W	T	F	S
..	..	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	..	..	..	..	..

FEB.

S	M	T	W	T	F	S
..	..	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	..	..

MAR.

1831

S	M	T	W	T	F	S
..	..	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	..	..	..	..	..

MAR.

1881

S	M	T	W	T	F	S
..	..	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	..	..

APR.

1842

S	M	T	W	T	F	S
..	..	..	..	..	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	..	..	..	..	..	..

MAY

1803

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	..	..	..	..

JUNE

1853

S	M	T	W	T	F	S
..	..	..	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	..	..

JULY

1814

S	M	T	W	T	F	S
..	..	..	..	..	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	..	..	..	..	..	..

AUG.

1825

S	M	T	W	T	F	S
..	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	..	..	..

SEPT.

1887

S	M	T	W	T	F	S
..	..	..	..	..	..	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	..	..	..	..	..

OCT.

1859

S	M	T	W	T	F	S
..	..	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	..	..	..

NOV.

1870

S	M	T	W	T	F	S
..	..	..	..	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

DEC.

1899

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	..	..	..	..

JAN.

S	M	T	W	T	F	S
..	..	..	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	..	..	..	..

FEB.

1871

S	M	T	W	T	F	S
29	30	31	..	..	..	..
..	..	..	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	..	..	..	..

MAR.

1882

S	M	T	W	T	F	S
..	..	..	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	..

APR.

1843

S	M	T	W	T	F	S
..	..	..	..	..	..	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	..	..	..	..	..	..

1893

S	M	T	W	T	F	S
..	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	..	..	..

MAY

1854

S	M	T	W	T	F	S
..	..	..	..	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	..

JUNE

1815

S	M	T	W	T	F	S
..	..	..	..	..	..	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	..	..	..	..	..

JULY

1865

S	M	T	W	T	F	S
..	..	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	..	..

AUG.

1826

S	M	T	W	T	F	S
..	..	..	..	..	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	..	..	..	..	..	..

SEPT.

1837

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	..	..	..	..

OCT.

1809

S	M	T	W	T	F	S
..	..	..	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	..	..

NOV.

S	M	T	W	T	F	S
..	..	..	..	..	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	..	..	..	..	..	..

DEC.

1900

S	M	T	W	T	F	S
...	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	..	..	..

JAN.

S	M	T	W	T	F	S
...	...	...	...	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	..	..

FEB.

1882

S	M	T	W	T	F	S
...	...	...	...	...	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	...	...	...	...	...	...

MAR.

1843

S	M	T	W	T	F	S
...	...	...	...	...	..	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	...	...	...	...	...	...

APR.

1893

S	M	T	W	T	F	S
...	...	...	...	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

MAY

1854

S	M	T	W	T	F	S
...	...	...	...	...	..	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	..	..	..	..	..	..

JUNE

1815

S	M	T	W	T	F	S
...	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	...	...	...

JULY

1865

S	M	T	W	T	F	S
...	...	...	...	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

AUG.

1826

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	..	..	..	..	..

SEPT.

1837

S	M	T	W	T	F	S
..	..	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	..	..

OCT.

1809

S	M	T	W	T	F	S
...	...	...	...	...	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	...	...	...	...	...	...

NOV.

S	M	T	W	T	F	S
...	...	...	...	...	..	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	..	..	..	..	..	..

DEC.

A CENTENNIAL CALENDAR.

(19th Century.)

This table will show the day of the week on which a person was born, or of any other event within the 19th century, when the year and day of the month are known.

YEARS 1801 TO 1900 INCLUSIVE.

											31 Jan.	28 Feb.	31 Mar.	30 April.	31 May	30 June.	31 July.	31 Aug.	30 Sept.	31 Oct	30 Nov.	31 Dec.
1801	1807	1818	1829	1835	1846	1857	1863	1874	1885	1891	4	7	7	3	5	1	3	6	2	4	7	2
1802	1813	1819	1830	1841	1847	1858	1869	1875	1886	1897	5	1	1	4	6	2	4	7	3	5	1	3
1803	1814	1825	1831	1842	1853	1859	1870	1881	1887	1898	6	2	2	5	7	3	5	1	4	6	2	4
1805	1811	1822	1833	1843	1850	1861	1867	1878	1889	1895	2	5	5	1	3	6	1	4	7	2	5	7
1806	1817	1823	1834	1845	1851	1862	1873	1879	1890	..	3	6	6	2	4	7	2	5	1	3	6	1
1809	1815	1826	1837	1843	1854	1865	1871	1882	1893	1899	7	3	3	6	1	4	6	2	5	7	3	5
1810	1821	1827	1838	184	1855	1866	1877	1883	1894	1900	1	4	4	7	2	5	7	3	6	1	4	6

LEAP YEARS.

1804	1832	1860	1888	7	3	4	7	2	5	7	3	6	1	4	6
1808	1836	1864	1892	5	1	2	5	7	3	5	1	4	6	2	4
1812	1840	1868	1896	3	6	7	3	5	1	3	6	2	4	7	2
1816	1844	1872	.....	1	4	5	1	3	6	1	4	7	2	5	7
1820	1848	1876	...	6	2	3	6	1	4	6	2	5	7	3	5
1824	1852	1880	.....	4	7	1	4	6	2	4	7	3	5	1	3
1828	1856	1884	...	2	5	6	2	4	7	2	5	1	3	6	1

To ascertain any day of the week in any year of the 19th century, look in table of years for the year required, and under the months are figures which refer to the corresponding figures at the head of the columns of days. EXAMPLE: To find what day of the week Sept. 2 fell on in the year 1873. In the table of years look for 1873 and in a parallel line under September is figure 1, which directs to column 1, in which it will be seen that Sept. 2 fell on Tuesday.

1	2	3	4	5	6	7
M 1	T 1	W 1	T 1	F 1	S 1	S 1
T 2	W 2	T 2	F 2	S 2	S 2	M 2
W 3	T 3	F 3	S 3	S 3	M 3	T 3
T 4	F 4	S 4	S 4	M 4	T 4	W 4
F 5	S 5	S 5	M 5	T 5	W 5	T 5
S 6	S 6	M 6	T 6	W 6	T 6	F 6
S 7	M 7	T 7	W 7	T 7	F 7	S 7
M 8	T 8	W 8	T 8	F 8	S 8	S 8
T 9	W 9	T 9	F 9	S 9	S 9	M 9
W 10	T 10	F 10	S 10	S 10	M 10	T 10
T 11	F 11	S 11	S 11	M 11	T 11	W 11
F 12	S 12	S 12	M 12	T 12	W 12	T 12
S 13	S 13	M 13	T 13	W 13	T 13	F 13
S 14	M 14	T 14	W 14	T 14	F 14	S 14
M 15	T 15	W 15	T 15	F 15	S 15	S 15
T 16	W 16	T 16	F 16	S 16	S 16	M 16
W 17	T 17	F 17	S 17	S 17	M 17	T 17
T 18	F 18	S 18	S 18	M 18	T 18	W 18
F 19	S 19	S 19	M 19	T 19	W 19	T 19
S 20	S 20	M 20	T 20	W 20	T 20	F 20
S 21	M 21	T 21	W 21	T 21	F 21	S 21
M 22	T 22	W 22	T 22	F 22	S 22	S 22
T 23	W 23	T 23	F 23	S 23	S 23	M 23
W 24	T 24	F 24	S 24	S 24	M 24	T 24
T 25	F 25	S 25	S 25	M 25	T 25	W 25
F 26	S 26	S 26	M 26	T 26	W 26	T 26
S 27	S 27	M 27	T 27	W 27	T 27	F 27
S 28	M 28	T 28	W 28	T 28	F 28	S 28
M 29	T 29	W 29	T 29	F 29	S 29	S 29
T 30	W 30	T 30	F 30	S 30	S 30	M 30
W 31	T 31	F 31	S 31	S 31	M 31	T 31

Leap Years of the 20th Cent'y.

1904
1908
1912
1916
1920
1924
1928
1932
1936
1940
1944
1948
1952
1956
1960
1964
1968
1972
1976
1980
1984
1988
1992
1996
2000

☞ There are 24 leap years in the 19th Century and 25 in the 20th Century.

CENTENNIAL CALENDAR, 20TH CENTURY.

1901

S	M	T	W	T	F	S
...	...	.	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	..

JAN.

1902

S	M	T	W	T	F	S
..	..	..	..	..	1	2
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

JAN.

1903

S	M	T	W	T	F	S
.	...	...	...	...	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	...	...	...	...	...	...

JAN.

1991

S	M	T	W	T	F	S
...	..	..	..	..	..	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	...

FEB

1941

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28

FEB.

1981

S	M	T	W	T	F	S
...	..	..	..	..	..	..
...	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	..	..	..	..	..	..

FEB.

1963

S	M	T	W	T	F	S
...	...	...	...	...	...	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	...	...	...	...	...

MAR.

1913

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	...	...	...	...

MAR.

1931

S	M	T	W	T	F	S
...	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	...	...	...

MAR.

1974

S	M	T	W	T	F	S
...	..	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	...	...	..

APR.

1975

S	M	T	W	T	F	S
...	..	..	..	..	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	..	..	..	..	..	..

APR.

1942

S	M	T	W	T	F	S
..	..	..	..	..	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

APR.

1935

S	M	T	W	T	F	S
...	..	..	..	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

MAY

1986

S	M	T	W	T	F	S
...	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	.	..	..	..

MAY

1853

S	M	T	W	T	F	S
..	..	..	..	..	..	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	..	..	..	..	..

MAY

1985

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	..	..	..	..	..

JUNE

1947

S	M	T	W	T	F	S
..	..	..	..	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	..

JUNE

1914

S	M	T	W	T	F	S
...	..	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	...	...	...

JUNE

1946

S	M	T	W	T	F	S
...	..	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	...	...

JULY

1997

S	M	T	W	T	F	S
..	..	..	..	..	..	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	..	..	..	..	..

JULY

1925

S	M	T	W	T	F	S
...	..	..	..	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

JULY

1907

S	M	T	W	T	F	S
...	..	..	..	..	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	..	..	..	..	..	..

AUG.

1958

S	M	T	W	T	F	S
..	..	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	..	..	..

AUG.

1987

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	..	..	..	..

AUG.

1957

S	M	T	W	T	F	S
...	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	..	..	..	..

SEPT.

1919

S	M	T	W	T	F	S
..	..	..	..	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

SEPT.

1998

S	M	T	W	T	F	S
..	..	..	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	...	...

SEPT.

1918

S	M	T	W	T	F	S
...	..	..	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	...

OCT.

1959

S	M	T	W	T	F	S
...	..	..	..	..	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	..	..	..	..	..	..

OCT.

1929

S	M	T	W	T	F	S
...	..	..	..	..	..	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	...	...	...	...	...	...

NOV.

1969

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	...	...	...	...	...

NOV.

1931

S	M	T	W	T	F	S
...	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	...	...	...

NOV.

1930

S	M	T	W	T	F	S
...	..	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	...	...

DEC.

1903

S	M	T	W	T	F	S
.	...	...	...	...	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	...	...	...	...	...	...

JAN.

1981

S	M	T	W	T	F	S
...	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	..	..	..	..	..	..

FEB.

1931

S	M	T	W	T	F	S
...	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	..	..	..

MAR.

1942

S	M	T	W	T	F	S
..	..	..	..	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	..

APR.

1853

S	M	T	W	T	F	S
..	..	..	..	..	..	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	..	..	..	..	..

MAY

1914

S	M	T	W	T	F	S
...	..	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	...	...	...

JUNE

1925

S	M	T	W	T	F	S
...	..	..	..	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

JULY

1987

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	..	..	..	..

AUG.

1998

S	M	T	W	T	F	S
..	..	..	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	...	...

SEPT.

1959

S	M	T	W	T	F	S
...	..	..	..	..	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	..	..	..	..	..	..

OCT.

1970

S	M	T	W	T	F	S
..	..	..	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	...

DEC.

CENTENNIAL CALENDAR, 20TH CENTURY.

S	M	T	W	T	F	S
*1904						1
	2	3	4	5	6	7	8
JAN.	9	10	11	12	13	14	15
	16	17	18	19	20	21	22
	23	24	25	26	27	28	29
	30	31					
*1932							
			1	2	3	4	5
FEB	6	7	8	9	10	11	12
	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29				
				1	2	3	4
	5	6	7	8	9	10	11
MAR.	12	13	14	15	16	17	18
	19	20	21	22	23	24	25
	26	27	28	29	30	31	
							1
	2	3	4	5	6	7	8
APR.	9	10	11	12	13	14	15
	16	17	18	19	20	21	22
	23	24	25	26	27	28	29
	30						
		1	2	3	4	5	6
	7	8	9	10	11	12	13
MAY	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30	31			
					1	2	3
	4	5	6	7	8	9	10
JUNE	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	30	
							1
	2	3	4	5	6	7	8
JULY	9	10	11	12	13	14	15
	16	17	18	19	20	21	22
	23	24	25	26	27	28	29
	30	31					
			1	2	3	4	5
	6	7	8	9	10	11	12
AUG.	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30	31		
*1988						1	2
	3	4	5	6	7	8	9
SEPT.	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30
	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
OCT.	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30	31				
				1	2	3	4
	5	6	7	8	9	10	11
NOV.	12	13	14	15	16	17	18
	19	20	21	22	23	24	25
*1960	26	27	28	29	30	1	2
	3	4	5	6	7	8	9
DEC.	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30
	31						

S	M	T	W	T	F	S
1905			1	2	3	4	5	6
	7	8	9	10	11	12	13
JAN.	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30	31			
1911					1	2	3
	4	5	6	7	8	9	10
FEB.	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28			
1961					1	2	3
	4	5	6	7	8	9	10
MAR.	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	30	31
1922	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
APR.	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30					
1933			1	2	3	4	5
	6	7	8	9	10	11	12
MAY	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30	31		
1995						1	2
	3	4	5	6	7	8	9
JUNE	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30
1967	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
JULY	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30	31				
1978				1	2	3	4
	5	6	7	8	9	10	11
AUG.	12	13	14	15	16	17	18
	19	20	21	22	23	24	25
	26	27	28	29	30	31	
							1
	2	3	4	5	6	7	8
SEPT.	9	10	11	12	13	14	15
	16	17	18	19	20	21	22
	23	24	25	26	27	28	29
1939	30						
		1	2	3	4	5	6
OCT.	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
1989	28	29	30	31			
					1	2	3
NOV.	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
1950	25	26	27	28	29	30	
							1
DEC.	2	3	4	5	6	7	8
	9	10	11	12	13	14	15
	16	17	18	19	20	21	22
	23	24	25	26	27	28	29
	30	31					

S	M	T	W	T	F	S
1906				1	2	3	4	5
	6	7	8	9	10	11	12
JAN.	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30	31		
1951							1
	3	4	5	6	7	8	9
FEB.	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28		
1962						1	2
	3	4	5	6	7	8	9
MAR.	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30
1923	31						
		1	2	3	4	5	6
APR.	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
1973	28	29	30				
				1	2	3	4
MAY	5	6	7	8	9	10	11
	12	13	14	15	16	17	18
	19	20	21	22	23	24	25
	26	27	28	29	30	31	
1934							1
	2	3	4	5	6	7	8
JUNE	9	10	11	12	13	14	15
	16	17	18	19	20	21	22
	23	24	25	26	27	28	29
1945	30						
		1	2	3	4	5	6
JULY	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30	31			
					1	2	3
	4	5	6	7	8	9	10
AUG.	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	30	31
1917	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
SEPT.	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30					
			1	2	3	4	5
	6	7	8	9	10	11	12
OCT.	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30	31		
1979						1	2
	3	4	5	6	7	8	9
NOV.	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30
1990	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
DEC.	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30	31				

CENTENNIAL CALENDAR, 20TH CENTURY.

*1908

S	M	T	W	T	F	S
..	..	..	..	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

JAN.

*1992

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	..	..	..	..	..	..
..	..	..	..	..	..	..

FEB.

S	M	T	W	T	F	S
..	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	..	..	..
..	..	..	..	..	..	..

MAR.

*1964

S	M	T	W	T	F	S
..	..	..	..	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	..
..	..	..	..	..	..	1

APR.

S	M	T	W	T	F	S
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	..	..	..	..	..
..	..	1	2	3	4	5

MAY

S	M	T	W	T	F	S
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	..	..	..

JUNE

*1936

S	M	T	W	T	F	S
..	..	..	..	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31
1	2	3	4	5	6	7

JULY

S	M	T	W	T	F	S
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	..	..	..	..
..	..	..	1	2	3	4

AUG.

S	M	T	W	T	F	S
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	..	..
..	..	..	..	..	1	2

SEPT.

S	M	T	W	T	F	S
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	..	..	..	..	..	..
..	1	2	3	4	5	6

OCT.

S	M	T	W	T	F	S
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	..	..	..	..
..	..	..	..	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

NOV.

S	M	T	W	T	F	S
..	..	..	..	..	..	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	..	..	..	..	..

DEC.

1909

S	M	T	W	T	F	S
..	..	..	..	..	..	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	..	..	..	..	..

JAN.

1971

S	M	T	W	T	F	S
..	..	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	..	..	..	..	..
..	..	1	2	3	4	5

FEB.

1982

S	M	T	W	T	F	S
..	..	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	..	..
..	..	..	..	..	1	2

MAR.

1943

S	M	T	W	T	F	S
..	..	..	..	..	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
1	2	3	4	5	6	7

APR.

1993

S	M	T	W	T	F	S
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	..	..	..	..
..	..	..	1	2	3	4
5	6	7	8	9	10	11

MAY

1954

S	M	T	W	T	F	S
..	..	..	..	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	..
..	..	..	..	..	..	1

JUNE

1915

S	M	T	W	T	F	S
..	..	..	..	..	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	..	..	..	..	..	..

JULY

1965

S	M	T	W	T	F	S
..	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	..	..	..
..	..	..	..	..	..	..

AUG.

1926

S	M	T	W	T	F	S
..	..	..	..	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	..
..	..	..	..	..	..	1

SEPT.

1937

S	M	T	W	T	F	S
..	..	..	..	..	..	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	..	..	..	..	..

OCT.

1999

S	M	T	W	T	F	S
..	..	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	..	..	..
..	..	..	..	1	2	3

NOV.

S	M	T	W	T	F	S
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

DEC.

1910

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	..	..	..	..
..	..	..	..	..	..	..

JAN.

1921

S	M	T	W	T	F	S
..	..	..	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	..	..	..	..
..	..	..	..	..	..	..

FEB.

1983

S	M	T	W	T	F	S
..	..	..	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	..
..	..	..	..	..	..	..

MAR.

1994

S	M	T	W	T	F	S
..	..	..	..	..	..	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	..	..	..	..	..	..

APR.

1955

S	M	T	W	T	F	S
..	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	..	..	..
..	..	..	..	1	2	3

MAY

S	M	T	W	T	F	S
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	..
..	..	..	..	..	..	..

JUNE

1966

S	M	T	W	T	F	S
..	..	..	..	..	..	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	..	..	..	..	..

JULY

1927

S	M	T	W	T	F	S
..	..	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	..	..
..	..	..	..	..	..	..

AUG.

1977

S	M	T	W	T	F	S
..	..	..	..	..	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	..	..	..	..	..	..

SEPT.

1938

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	..	..	..	..
..	..	..	..	..	..	..

OCT.

1949

S	M	T	W	T	F	S
..	..	1	2	3	4	
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	..	..
..	..	..	..	..	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	..	..	..	..	..	..

NOV.

DEC.

CENTENNIAL CALENDAR, 20TH CENTURY.

*1912

S	M	T	W	T	F	S
...	...	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	...	...
..	..	...	...	...	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	...
..	..	..	...	...	...	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	..	..	..	..	..
..	..	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	..	..	..
..	..	..	..	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	..	..	..	..	..
..	..	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	..	..
..	..	..	..	..	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	..	..	..	..	..	..
..	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	..	..	..
..	..	..	..	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	...
..	..	..	..	..	..	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	..	..	..	..	..	..
..	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	..	..	..

*1916

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	...	...	...	...
...	...	..	..	..	..	..
..	..	..	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	...	...	...
...	...	..	..	..	..	..
..	..	..	..	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	...	...	...	...
..	..	..	..	..	..	..
..	..	..	..	..	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	..	..	..	..
..	..	..	..	..	..	..
..	..	..	..	..	..	..
..	..	..

CENTENNIAL CALENDAR 20TH CENTURY.

*1924

S	M	T	W	T	F	S
...	...	...	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	...

JAN.

S	M	T	W	T	F	S
...	...	...	...	...	...	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

FEB.

*1952

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	...	...	...	...

MAR.

S	M	T	W	T	F	S
...	...	...	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	...	...

APR.

S	M	T	W	T	F	S
...	...	...	...	...	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	...	...	...	...	...	...

MAY

S	M	T	W	T	F	S
...	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	...	...	...	...

JUNE

S	M	T	W	T	F	S
...	...	...	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	...

JULY

S	M	T	W	T	F	S
...	...	...	...	...	...	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	...	...	...	...	...

AUG.

S	M	T	W	T	F	S
...	...	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	...	...	...

SEPT.

S	M	T	W	T	F	S
...	...	...	...	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

OCT

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	...	...	...	...	...

NOV.

*1980

S	M	T	W	T	F	S
...	...	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	...	...

DEC.

*1928

S	M	T	W	T	F	S
...	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	...	...	...

JAN.

S	M	T	W	T	F	S
...	...	...	...	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	...	...

FEB.

S	M	T	W	T	F	S
...	...	...	...	...	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	...	...	...	...	...	...

MAR.

S	M	T	W	T	F	S
...	...	...	...	...	...	...
...	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	...	...	...	...

APR.

*1984

S	M	T	W	T	F	S
...	...	...	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	...

MAY

S	M	T	W	T	F	S
...	...	...	...	...	...	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	...	...	...	...	...	...

JUNE

*1956

S	M	T	W	T	F	S
...	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	...	...	...

JULY

S	M	T	W	T	F	S
...	...	...	...	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

AUG.

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	...	...	...	...	...

SEPT.

S	M	T	W	T	F	S
...	...	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	...	...

OCT.

S	M	T	W	T	F	S
...	...	...	...	...	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

NOV.

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	...	...	...	...

DEC.

*2000

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	...	...	...	...

JAN.

S	M	T	W	T	F	S
...	...	...	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	...	...	...

FEB.

S	M	T	W	T	F	S
...	...	...	...	...	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	...	...	...	...	...	...

MAR.

S	M	T	W	T	F	S
...	...	...	...	...	...	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	...	...	...	...	...	...

APR.

S	M	T	W	T	F	S
...	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	...	...	...	...

MAY

S	M	T	W	T	F	S
...	...	...	...	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	...

JUNE

S	M	T	W	T	F	S
...	...	...	...	...	...	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	...	...	...	...	...

JULY

S	M	T	W	T	F	S
...	...	...	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	...

AUG.

S	M	T	W	T	F	S
...	...	...	...	...	...	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	...	...	...	...	...	...

SEPT.

S	M	T	W	T	F	S
...	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	...	...	...

OCT.

S	M	T	W	T	F	S
...	...	...	...	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	...

NOV.

S	M	T	W	T	F	S
...	...	...	...	...	...	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	...	...	...	...	...

DEC.

INFORMATION FOR EVERYBODY.

DIVISIONS OF TIME.

A SOLAR DAY is measured by the rotation of the earth upon its axis, and is of different lengths, owing to the ellipticity of the earth's orbit and other causes; but a mean solar day, recorded by the time-piece, is twenty four hours long.

AN ASTRONOMICAL DAY begins at noon, and is counted from the first to the twenty-fourth hour. A CIVIL DAY begins at midnight, and is counted from the first to the twelfth hour, when it is counted again from the first to the twelfth hour. A NAUTICAL DAY is counted as a Civil Day, but begins, like an Astronomical Day, from noon.

A CALENDAR MONTH varies in length from 28 to 31 days. A MEAN LUNAR MONTH is 29 days, 12 hours, 44 minutes, 2 seconds and 5.24 thirds.

A YEAR is divided into 365 days. A SOLAR YEAR, which is the time occupied by the Sun in passing from one Vernal Equinox to another, consists of 365.24244 solar days, or 365 days, 5 hours, 48 minutes, and 49 536 seconds

A JULIAN YEAR is 365 days. A GREGORIAN YEAR is 365.2425 days; every fourth year is BISSEXTILE, or Leap-Year, and is 366 days.

EXPLANATION OF THE CALENDAR YEAR.

The two natural divisions of time are the day, of 24 hours, representing one revolution of the earth on its axis, and the year, 365 days, approximately representing one revolution of the earth around the sun. The month represents (nearly) the period of the moon's revolution around the earth (about 29½ days), while the week is approximately one-fourth of this.

By the Julian Calendar, published by Julius Cæsar, 46 B. C., the months were reconstructed; the Roman Year, which began March 1st and had but ten months, being changed to January 1st, and two months added. Thirty-one days were given to the first, third, fifth, seventh, eighth, tenth and twelfth months, and thirty each to the rest, except February, which on every fourth year received an intercalary day, made by the SEXTO CALENDAS MARTIUS, whence "leap year" came to be called BISSEXTILE. As the Julian year had 365¼ days, its length exceeded the true solar year by 11 minutes 14 seconds, so that the Equinox, in the course of centuries, fell back several days. To correct this error, Pope Gregory XIII, in 1582, reformed the calendar by suppressing ten days, restoring the Equinox to March 21st. The Gregorian Calendar also made every year which is divisible by four without a remainder a leap year, except the centesimal years, which are only leap years when the first two figures are divisible by four; thus 1600 was a leap year, 1700, 1800 and 1900 common years, etc. The length of the mean year is 365 days, 5 hours. 49 minutes, 12 seconds; exceeding the true solar year nearly 26 seconds, which error amounts only to one day in 3,325 years.

The Gregorian Calendar was adopted by Germany in 1700, and by English law in 1752, when the Julian Calendar, or OLD STYLE, gave place to the NEW STYLE, by dropping eleven days from the month of September, 1752.

LEAP YEARS AND CENTENNIAL YEARS.

No centennial year is a leap year unless it can be divided evenly by 400. Therefore 1600 and 2000 are leap years, but 1700, 1800, 1900, 2100, etc, are not leap years. If the true year consisted of 365 days, 6 hours, then the addition of a full day every four years would keep the calendar and true time together. But the year is only 365 days,

5 hours, 48 minutes, 48.6 seconds, thus lacking between 11 and 12 minutes of 6 hours The adopted system therefore adds a day to February every fourth year until the hundreth year is reached, then skips that day for 300 years, thus recompensing the calendar for the 11 minutes, 48 6 seconds, which the accounting had annually gained. On the four hundreth year, however, the day is added, squaring the account within the smallest fraction.

THE HARVEST MOON.

The term is a popular name given to the full moon which happens about the time of the autumnal Equinox. If the full moon occurs exactly at the time of the Equinox it will rise nearly full about the same time of sunset for several evenings together. Sir John Herschel, in his "Outlines," defined the harvest moon as the full moon which happens on or nearest to September 21, because it rises from night to night after the full more nearly after sunset than any other full moon in the year, and is therefore favorable for evening work in carrying in the late crops.

EASTER.

The festival of Easter, commemorating the resurrection of Christ used to be observed on the 14th day of the moon—i. e., near the full moon—the same as the Jewish Passover. But the Council of Nice, A D 325, ordered Easter to be celebrated on the Sunday next succeeding the full moon that comes on or next after the vernal Equinox—March 21st, thus making Easter and the related feast and fast days movable holidays

The latest date on which Easter can possibly occur is April 25, which it did in 1886. It is 152 years since it fell on so late a date, and will again in 1943. Its earliest possible date is March 21.

NAMES AND MOVEMENT OF PLANETS.

Names of the Planets.	Diam in Miles	Period of time. Days	Dis. from the Sun. Miles	Revolves on its Axis.	Moves in its Orbit per Hour.
Mercury..	3,200	88	37 Mill.	24 h. 5 m.	110,000 Miles.
Venus.....	7,700	224.7	69 "	23 h. 21 m.	83,000 "
Earth.....	7,916	365¼	95 "	23 h. 56 m.	68,000 "
Mars.....	4,200	687	145 "	24 h. 39 m.	54,000 "
Jupiter.. ..	88,000	4 332½	494 "	9 h. 56 m.	30,000 "
Saturn. ...	75,000	10.759	906 "	10 h. 29 m.	22,000 "
Uranus	35,000	30 687	1,822 "	Unknown.	15,000 "
Neptune...	38,000	60,127	2,853 "	Unknown.	12,000 "
Moon.....	2,180	Dist. from Earth, 238,000 miles			2,280 "
Sun	887,000	1,400,000 times larger than Earth.			Unknown.

Distances of Planets from the Sun, are found by a very simple rule:—Multiply the square of the planet's periodic time (in days) by 6 3-7; the cube root of the product, will be its mean distance from the Sun, in MILLIONS of miles.

EXAMPLE—Mercury's *periodic time is nearly 88 days. The square of 88 is 7744, which multiplied by †6 3-7 = 49,783, and the cube root of 49,783 is nearly 37. Hence, the mean or average distance of Mercury from the Sun is nearly 37 millions of miles.

*The Periodic time of a planet is the time it takes to revolve around the Sun; which is found by observing when it is on the meridian with a certain FIXED star, and returns to the same position again.

†Six and three-sevenths is the RATIO of the SQUARES of the periodic times of the planets, to the CUBES of their mean distances from the Sun; assuming the Earth's mean distance to be 95,000,000 miles. Principles of Kepler's 3d law.

INFORMATION FOR EVERYBODY.

HOW THE YEAR IS MADE UP.

(Memorizing this verse will help out in reckoning interest, percentage, &c.)

30 days has September,
April, June and November.

All the rest have 31 except February, which is alone with 28, but gets one day more from one year in four.

MEASURING THE EARTH'S CIRCUMFERENCE.

Suppose two astronomers, A and B, stationed on the same meridian, a certain distance apart, should make observations on a certain star when it crossed the meriden; and A should find the star 16 degrees south of the zenith, and B, who is exactly 415 miles south of A, should find it only 10 degrees south of the zenith; there would then be a difference of 6 degrees between the two places; and as they are 415 miles apart, *one* deg. must be 1-6 of 415 or 69 1-6 mi. If 1 degree, which is the 360th part of the earth's circumference, is 69 1-6th mi.; the whole circumference must be 360 times 69 1-6th or 24,900 mi. In this way the earth's magnitude is computed accurately.

DISTANCE OF THE EARTH FROM THE SUN.

If a railroad could be built to the sun, and trains run upon it, at the rate of 30 miles an hour, day and night without stopping, it would require 350 years to make the journey from the earth to the sun.

MOUNTAINS OF THE EARTH AND MOON.

The mountains of the moon are larger in proportion to its size than those of the earth. Though it would take forty-nine moons to equal the size of the earth, the moon has twenty-two mountains higher than Mont Blanc: six peaks are above 19,000 feet, and one is 24,944 feet in height,—a little more than four and a half miles, and 3,136 feet lower than the highest mountain on earth.

STATISTICS OF THE GLOBE.

The earth is inhabited by about 1,301,000,000 of inhabitants, namely: 360,000,000 of the Caucasian race; 550,000,000 of the Mongolian; 190,000,000 of the Ethiopian; 200,000,000 of the Malay races; and 1,000,000 of the American Indian. All these respectively speak 3,064 languages, and possess 1,000 different religions. The amount of deaths per annum is 33,333,333, or 91,954 per day, 3,730 per hour, 60 per minute, or one per second. This loss is more than compensated by the number of births. The average duration of life throughout the globe is 33 years. One-fourth of its population dies before the seventh year, and one-half before the seventeenth. Out of 10,000 persons only one reaches his hundredth year, only one in 500 his eightieth, and only one in 100 his sixty-fifth. Married people live longer than unmarried ones, and a tall man is likely to live longer than a short one. Until the fiftieth year, women have a better chance of life than men; but beyond that period the chances are equal. Sixty-five persons out of 1,000 marry. The months of June and December are those in which marriages are most frequent. Children born in Spring are generally stronger than those born in other seasons. Births and deaths chiefly occur in the night. The number of men able to bear arms is about one-eighth of the population.

AMERICAN PRINCES.

It is interesting to know the wealth of our American nobility. The following is a good estimate of their possessions: Jay Gould, $280,000,000, W. H. Vanderbilt, $260,000,000, Leland Stanford, $100.000,000, James Flood, $80,000,000, C. P. Huntington and J. W. Mackey, each $50,000,000, James G. Fair, Charles Crocker and Russell Sage, each $40,000,000 W. H. Sharon, $25,000,000, estate of Tom Scott, $20,000,000, Cyrus W. Field, Samuel J. Tilden and George M. Pullman, each $15,000,000, John W. Garrett and James Keene, each $10,000,000.

PORTRAITS ON UNITED STATES BANK NOTES.

$1, Washington; $2, Jefferson; $5, Jackson; $10, Webster; $20, Hamilton; $50, Franklin; $100, Lincoln; $500, General Mansfield, $1,000, DeWitt Clinton; $5,000, Madison; $10,00, Jackson. On silver certificates—$10, Morris; $20, Commodore Decatur; $50, Edward Everett; $100, James Monroe; $500, Charles Sumner, and $1,000, W. L. Marcy. On gold notes—$20, Garfield; $50, Silas Wright; $100, Thomas H. Benton; $500, A. Lincoln; $1,000, Alexander Hamilton; $5,000, James Madison; $10,000, Andrew Jackson.

PORTRAITS ON POSTAGE STAMPS.

The portraits on the postage stamps that came into use October 1, 1883, are: One-cent, Franklin; two-cent, Jackson; three-cent, Washington; five-cent, Garfield; six-cent, Lincoln; seven-cent, Stanton; ten-cent, Jefferson; twelve-cent, Clay; fifteen-cent, Scott; thirty cent, Hamilton, ninety-cent, Perry.

GREAT CURIOSITIES.

The largest theatre in the world is the new opera-house in Paris. It covers nearly three acres of ground; its cubic mass is 4,287,000 feet; it cost about 100,000,000 francs. *The largest suspension bridge* is the one between New York City and Brooklyn; the length of the main span is 1,595 feet, 6 inches; the entire length of the bridge is 5,980 feet. *The loftiest active volcano* is Popocatapetl—"smoking mountain"—thirty-five miles southwest of Puebla, Mexico; it is 17,784 feet above the sea level, and has a crater three miles in circumference, and 1,000 feet deep. *The longest span of wire* in the world is used for a telegraph in India over the river Kistnah. it is over 6,000 feet in length, and is 1,200 feet high. *The largest ship* in the world is the Great Eastern. She is 680 feet long, 83 feet broad, and 60 feet deep, being 28,627 tons burden, 18,915 gross, and 13,334 net register. *The Chinese wall* is the largest in the world. It was built by the first emperor of the Tain dynasty about 220

B. C. as a protection against Tartars. It traverses the northern boundary of China, and is carried over the highest hills, through the deepest valleys, across rivers and every other natural obstacle. Its length is 1,250 miles. Including a parapet of 5 feet, the total height of the wall is 20 feet; thickness at the base, 25 feet, and at the top, 15 feet. *The biggest trees in the world* are the mammoth trees of California. One of a grove in Tulare County, according to measurements made by members of the State Geological Survey, was shown to be 276 feet in height, 108 feet in circumference at base, and 76 feet at a point 12 feet above ground. Some of the trees are 376 feet high, and 34 feet in diameter. Some of the largest that have been felled indicate an age of from 2,000 to 2,500 years.

AGES OF ANIMALS, BIRDS, FISH, &C.

(Taken from reliable records.)

Elephant 100 years and upward; rhinoceros, 20; camel, 100; lion 25 to 70; tigers, leopards, jaguars and hyenas (in confinement), about 25; beaver, 50; deer, 20; wolf, 20; fox, 14 to 16; llamas, 15; chamois, 25; monkeys and baboons, 16 to 18; hare, 8; squirrel, 7; rabbit, 7; swine, 25; stag, under 50; horse, 30; ass, 30; sheep under 10; cow, 20; ox, 30; swans parrots and ravens, 200; eagle, 100; geese 80; hens and pigeons, 10 to 16; hawks, 30 to 40; crane, 24; blackbird, 10 to 12; peacock, 20; pelican, 40 to 50; thrush, 8 to 10; wren 2 to 3; nightingale, 15; blackcap, 15; linnet, 14 to 23; goldfinch, 20 to 24; redbreast, 10 to 12; skylark, 10 to 30; titlark, 5 to 6; chaffinch, 20 to 24; starling, 10 to 12; carp, 70 to 150; pike, 30 to 40; salmon, 16; codfish, 14 to 17; eel, 16; crocodile, 100, tortoise, 100 to 200; whale, estimated, 1,000; queen bees live 100 to 200; drones, 4 months; worker bees, 6 months.

WHAT IT WEIGHS.

One million dollars in gold coin will weigh exactly 3685 8 pounds, or a ton and three-quarters. A million dollars in silver weighs 58,929.9 pounds. A ton of pure gold without allow, is worth $602,799.21; a ton of pure silver, $37,704.84.

A Key.

For using the Calendars of the 19th and 20th centuries to represent in regular calendar form, the days, weeks and months of the 18th Century Calendar, (page 1) from 1701 to 1800 inclusive. On page 10, second column, you will see that the year 1909, commenced on Saturday. 1701 did also. The 1909 Calendar can therefore be used for the following common years of the 18th Century: 1701, '07, '18, '29, '35, '46, '57, '63, '74, '85, '91. For leap years: 1724, '52, '80, use first column page 9. For 1702, '13, '19, '30, '41, '47, '58, '69, '75, '86, '97, use third column, page 10. For leap years 1708, '36, '64, '92, use second column, page 11. For 1703, '14, '25, '31, '42, '53, '59, '70, '81, '87, '98, use third column, page 4. For leap years 1720, '48, '76, use first column, page 2. For 1709, '15, '26, '37, '43, '54, '65, '71, '82, '93, '99, use first column, page 5. For leap years, 1704, '32, '60, '88, use first column, page 3. For 1710, '21, '27, '38, '49, '55, '66, '77, '83, '94 and 1800, (shown as the hundredth year on calendar) use third column, page 3. For leap years, 1716, '44, '72, use second column, page 5. For 1705, '11, '22, '33, '39, '50, '61, '67, '78, '89, '95, use first column, page 4. For leap years, 1728, '56, '84, use third column, page 2. For 1706, '17, '23, '34, '45, '51. '62, '73, '79, '90, use third column, page 5. For leap years, 1712, '40, '68, '96, use second column, page 4.

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